

GANAPATHI HARSHA VARDHAN

[in LinkedIn](#) | [+91 9505918154](#) | [portfolio-website](#) | [harshavardhanghv99@gmail.com](#) | [GitHub](#)

About

Accomplished Software Engineer with 6+ years of full-stack development expertise in Java. Consistently delivered project success as a Team Lead at Teleservices International by leading a team of five developers, accelerating innovation, and optimizing performance. Skilled in backend and frontend development, specializing in telecom solutions with a strong focus on scalable and efficient systems.

Skills

- **Programming Languages:** Java, JavaScript, SQL
- **Frameworks & Libraries:** Spring Boot, React, Node.js, JSP, Java Swing
- **Web & UI Technologies:** REST APIs, Web Services, Tailwind CSS, HTML, CSS
- **Databases & Caching:** MySQL, Oracle, Redis
- **Tools & Version Control:** Git, GitHub
- **Networking & Messaging Protocols:** LDAP, JMS, RMI, Sockets, gRPC, HTTP/S

Experience

Teleservices International (Nanakaramguda, HYD)

Team Lead

01/05/2024 – Present

- Streamlined manual server monitoring by implementing **automated daily reporting**, reducing manual effort and errors.
- **Automated Excel-driven server configuration updates** through an integrated workflow, ensuring consistent and up-to-date configurations.
- Migrated TeleProvision Manager frontend from JSP stack (legacy technologies) to React 19, TypeScript, Electron, TanStack Query/Router/Table, Zustand, WebSocket, Recharts, React Flow, Zod from scratch.

Senior Software Developer

01/05/2023 – 30/04/2024

- Delivered customer support, resolving **95% of reported issues within SLA timelines**, maintaining **high client satisfaction**.
- **Developed and integrated** support for **5+ new Network Element adapters**, including Oracle ASAP, Ericsson EDA, DNS Min, Zhone, AOP PCRF and CWC Bluu using various protocols such as JMS, Web Services, RDBMS, Sockets, STOMP.
- Optimized RESTful communication, **reducing payload size by 30%** and enhancing server-UI communication efficiency.
- Enhanced **database performance** by refining Java collection usage.

Junior Software Developer

01/11/2019 – 30/04/2023

- Integrated REST protocol, accelerating server-client communication **efficiency by 30%**.
- Orchestrated UI enhancements for both GUI and WUI, reducing **UI-related bug reports by 25%**.
- Spearheaded UI performance enhancements for GUI, **reducing load time by 50%**.
- Supported continuous improvement by exploring alternative technologies and presenting them for architectural review.
- Engineered robust solutions using design patterns such as **Singleton, Builder, Factory Method, and Abstract Factory**.

Clients

ATNI (Guyana, V9.0) | UTS (Curacao, V8.7) | OBE (Belgium, V7.2) | TelOne (Zimbabwe, V8.9)

Product (TeleProvision)

- TeleProvision is a telecom product used for provisioning various services to subscribers in GSM, CDMA, PSTN, and Broadband technologies, including subscriber activation and deactivation.
- The frontend is developed using Java Swing (GUI) and JSP (WUI). It also utilizes CORBA, RMI, JMS, FTP, RDBMS, and other interfaces to interact with CRM applications.

Education

Bachelor of Technology

Siddhartha Institute of Engineering & Technology Ibrahimpatnam, HYD 09/2020 - 08/2023

- Major in Electronics and Communication Engineering

Diploma

Government Institute of Electronics East Marredpally, HYD 06/2016 - 10/2019

- In Electronics and Communication Engineering
- Completed **internship for 6 months as Software Programmer Trainee** at Teleservices International (05/2019 – 10/2019)